

Data Path : Z:\VOASRV\HPCHEM1\MSVOA V\DATA\VV012020\
 Data File : VV014353.D
 Acq On : 20 Jan 2020 13:31
 Operator : SY/MD
 Sample : L1169-01DL 5X
 Misc : 25.0mL/MSVOA V/WATER
 ALS Vial : 7 Sample Multiplier: 1

Instrument :
 MSVOA_V
 ClientSampleId :
 BF758DL

Quant Time: Jan 20 14:50:34 2020
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_V\METHOD\SOMVTR010220WMA.M
 Quant Title : TRACE VOA SOM01.0
 QLast Update : Mon Jan 20 14:21:01 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	5.66	114	796999	5.00	ug/L	0.00
28) Chlorobenzene-d5	8.89	117	738519	5.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.29	152	342111	5.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	1.32	65	299057	5.36	ug/L	0.00
Spiked Amount	5.000	Range	40 - 130	Recovery	=	107.20%
7) Chloroethane-d5	1.59	69	238325	5.53	ug/L	0.00
Spiked Amount	5.000	Range	65 - 130	Recovery	=	110.60%
11) 1,1-Dichloroethene-d2	2.13	63	339016	4.12	ug/L	0.00
Spiked Amount	5.000	Range	60 - 125	Recovery	=	82.40%
20) 2-Butanone-d5	3.93	46	691124	51.59	ug/L	-0.02
Spiked Amount	50.000	Range	40 - 130	Recovery	=	103.18%
24) Chloroform-d	4.40	84	517031	4.80	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	96.00%
26) 1,2-Dichloroethane-d4	5.08	65	270278	5.01	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	100.20%
32) Benzene-d6	5.10	84	1195959	5.43	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	108.60%
36) 1,2-Dichloropropane-d6	6.12	67	366257	5.36	ug/L	0.00
Spiked Amount	5.000	Range	60 - 140	Recovery	=	107.20%
41) Toluene-d8	7.36	98	1047277	5.20	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	104.00%
43) trans-1,3-Dichloropropene-	7.66	79	142932	4.73	ug/L	0.00
Spiked Amount	5.000	Range	55 - 130	Recovery	=	94.60%
46) 2-Hexanone-d5	8.13	63	624341	48.79	ug/L	0.00
Spiked Amount	50.000	Range	45 - 130	Recovery	=	97.58%
57) 1,1,2,2-Tetrachloroethane-	10.26	84	244580	5.12	ug/L	0.00
Spiked Amount	5.000	Range	65 - 120	Recovery	=	102.40%
64) 1,2-Dichlorobenzene-d4	11.67	152	338773	5.27	ug/L	0.00
Spiked Amount	5.000	Range	80 - 120	Recovery	=	105.40%

Target Compounds

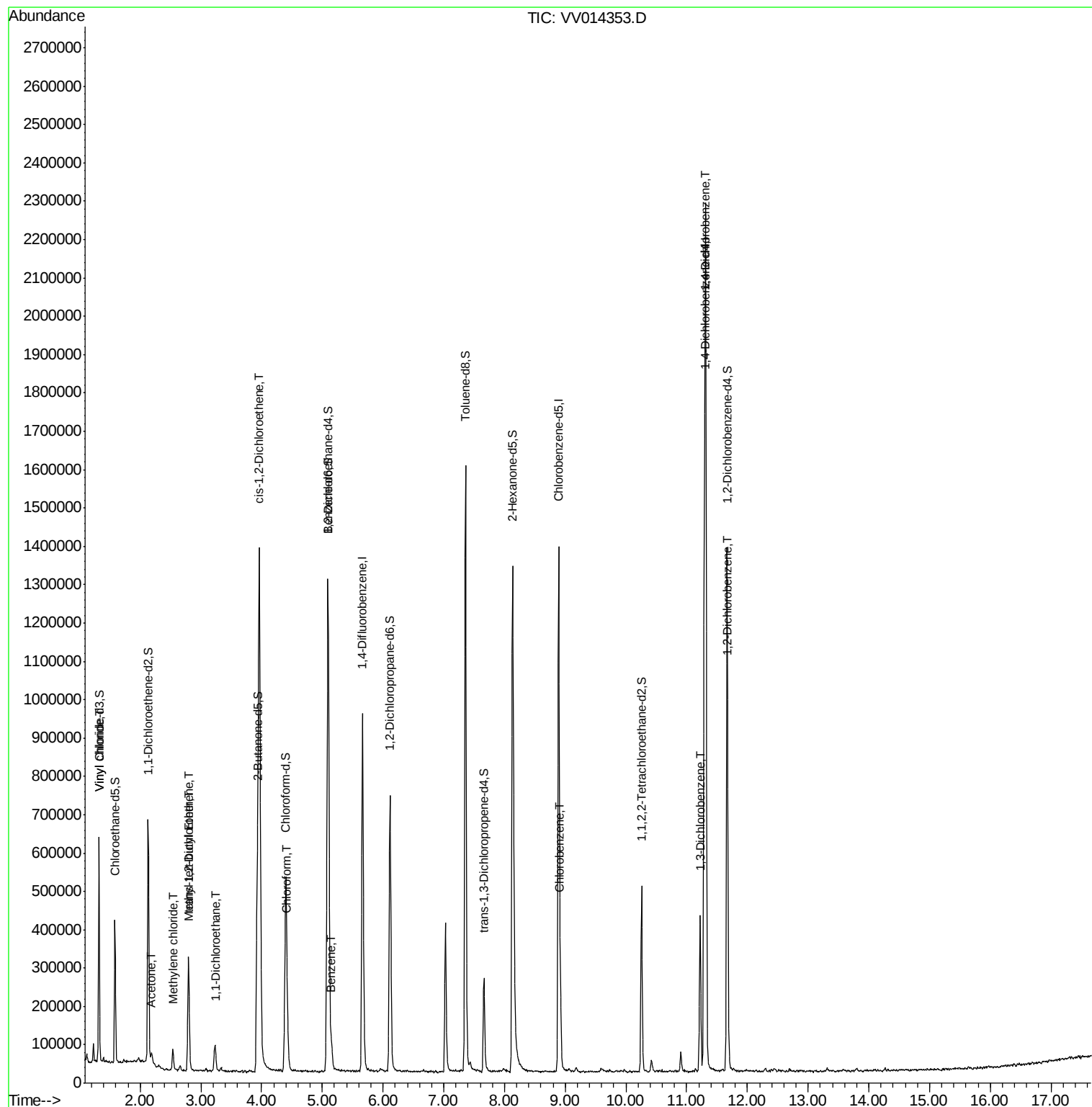
Target Compounds	R.T.	QIon	Response	Conc	Units	Ovalue
5) Vinyl chloride	1.33	62	52256	0.937	ug/L	93
13) Acetone	2.19	43	18617	2.018	ug/L	97
16) Methylene chloride	2.54	84	23630	0.408	ug/L	98
17) Methyl tert-butyl Ether	2.81	73	28191	0.214	ug/L #	83
18) trans-1,2-Dichloroethene	2.80	96	102815	1.921	ug/L	96
19) 1,1-Dichloroethane	3.23	63	76480	0.729	ug/L	94
22) cis-1,2-Dichloroethene	3.96	96	730779	12.455	ug/L #	96
25) Chloroform	4.43	83	49067	0.489	ug/L	99
33) Benzene	5.15	78	60256	0.265	ug/L	100
51) Chlorobenzene	8.92	112	95059	0.644	ug/L	96
62) 1,3-Dichlorobenzene	11.22	146	161679	1.512	ug/L	99
63) 1,4-Dichlorobenzene	11.31	146	820798	7.718	ug/L	98
65) 1,2-Dichlorobenzene	11.68	146	25190	0.261	ug/L	95

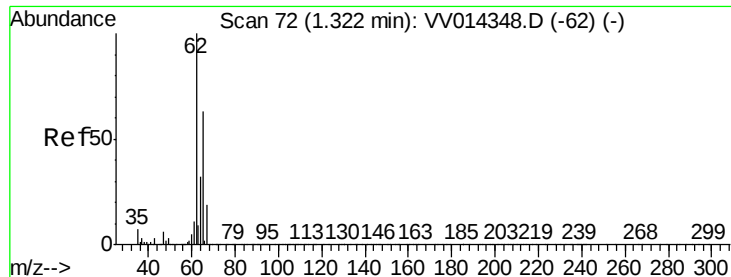
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Quant Title : TRACE VOA SOM01.0
QLast Update : Mon Jan 20 14:21:01 2020
Response via : Initial Calibration





#5

Vinyl chloride

Concen: 0.937 ug/L

RT: 1.33 min Scan# 73

Delta R.T. 0.00 min

Lab File: VV014353.D

Acq: 20 Jan 2020 13:31

Instrument :

MSVOA_V

ClientSampleId :

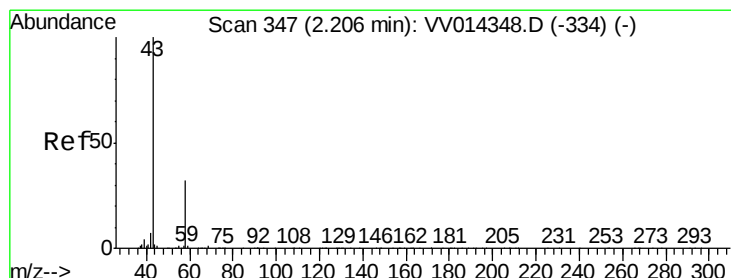
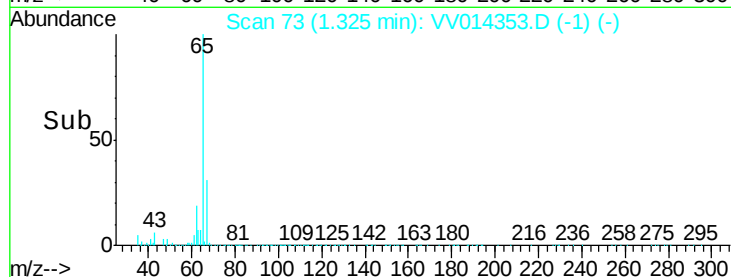
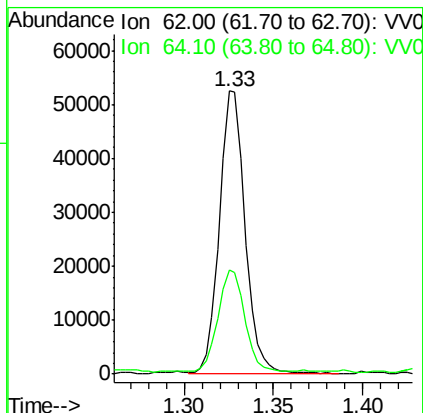
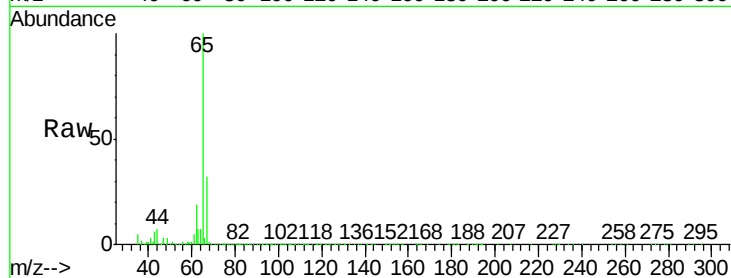
BF758DL

Tot Ion: 62 Resp: 52256

Ion Ratio Lower Upper

62 100

64 36.7 23.0 42.6



#13

Acetone

Concen: 2.018 ug/L

RT: 2.19 min Scan# 342

Delta R.T. -0.02 min

Lab File: VV014353.D

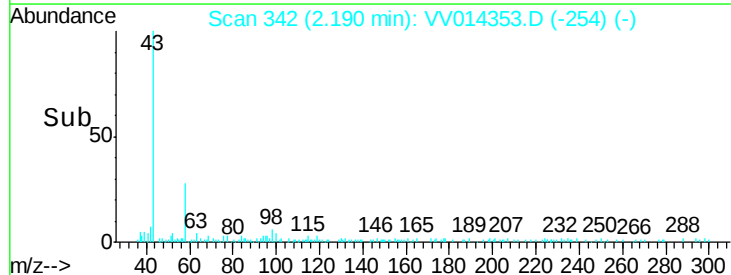
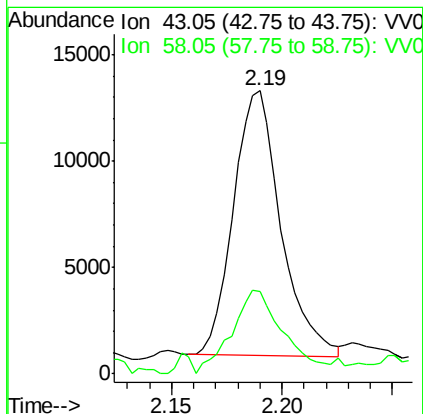
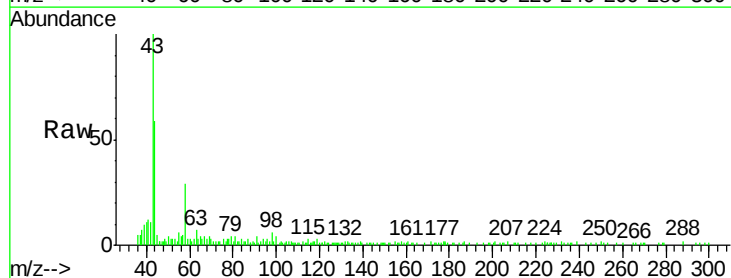
Acq: 20 Jan 2020 13:31

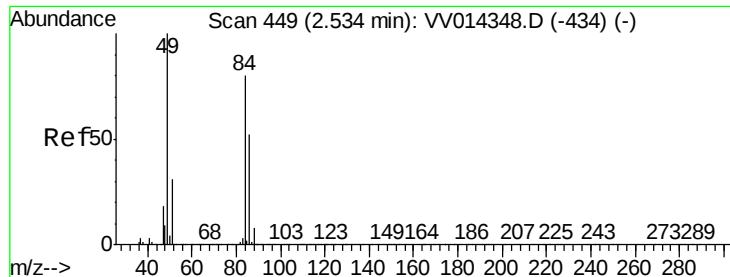
Tgt Ion: 43 Resp: 18617

Ion Ratio Lower Upper

43 100

58 34.6 0.0 66.0

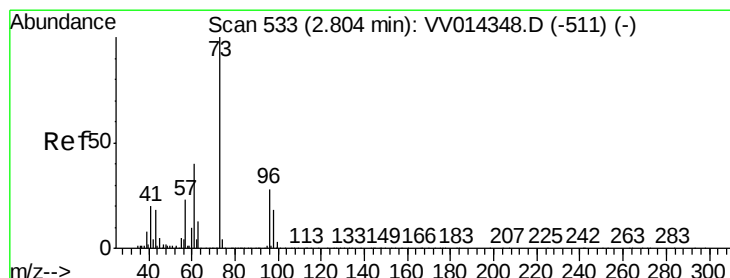
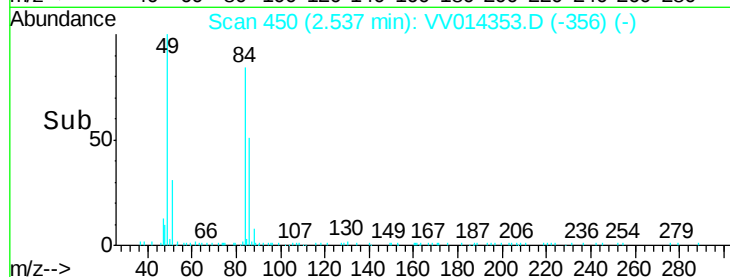
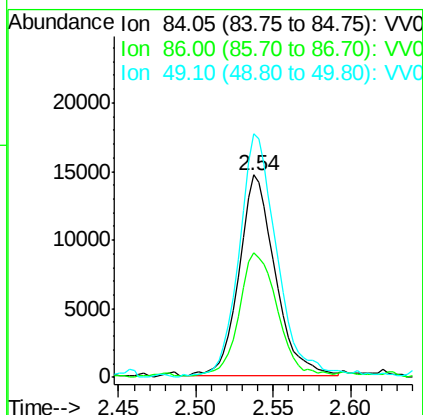
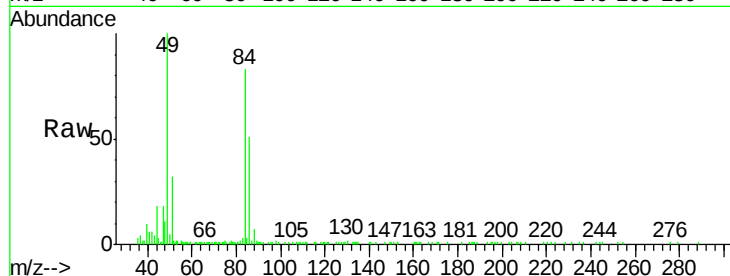




#16
Methylene chloride
Concen: 0.408 ug/L
RT: 2.54 min Scan# 450
Delta R.T. 0.00 min
Lab File: VV014353.D
Acq: 20 Jan 2020 13:31

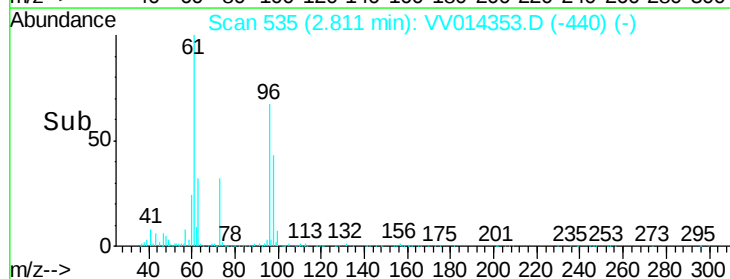
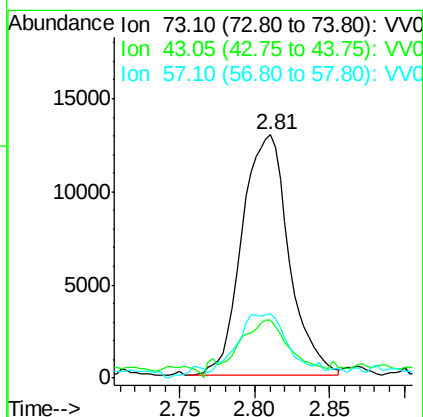
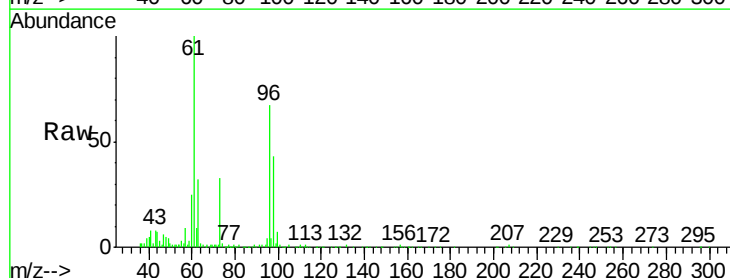
Instrument :
MSVOA_V
ClientSampleId :
BF758DL

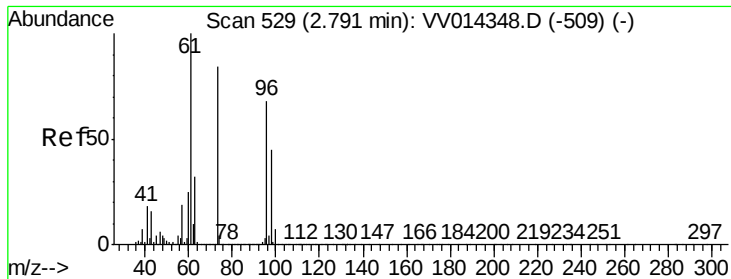
Tot Ion: 84 Resp: 23630
Ion Ratio Lower Upper
84 100
86 61.4 43.1 80.1
49 120.2 82.1 152.5



#17
Methyl tert-butyl Ether
Concen: 0.214 ug/L
RT: 2.81 min Scan# 535
Delta R.T. 0.01 min
Lab File: VV014353.D
Acq: 20 Jan 2020 13:31

Tgt Ion: 73 Resp: 28191
Ion Ratio Lower Upper
73 100
43 24.5 14.7 22.1#
57 13.0 17.9 26.9#





#18

trans-1,2-Dichloroethene

Concen: 1.921 ug/L

RT: 2.80 min Scan# 531

Delta R.T. 0.01 min

Lab File: VV014353.D

Acq: 20 Jan 2020 13:31

Instrument :

MSVOA_V

ClientSampleId :

BF758DL

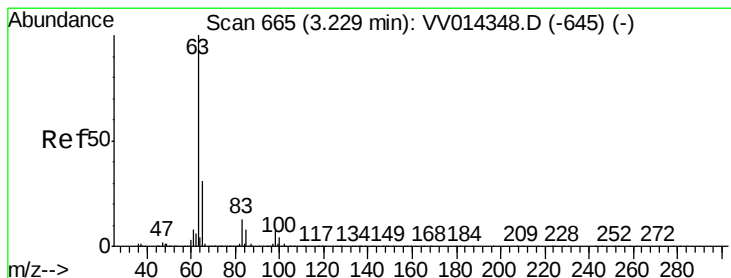
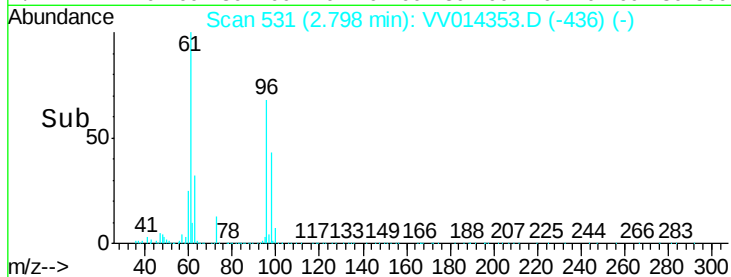
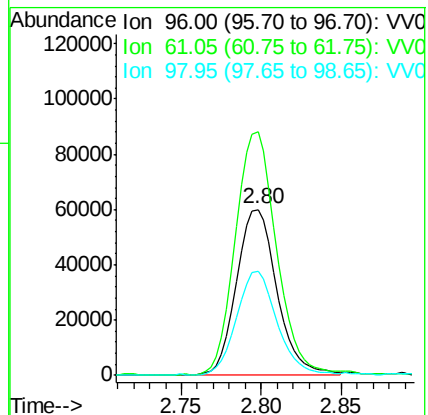
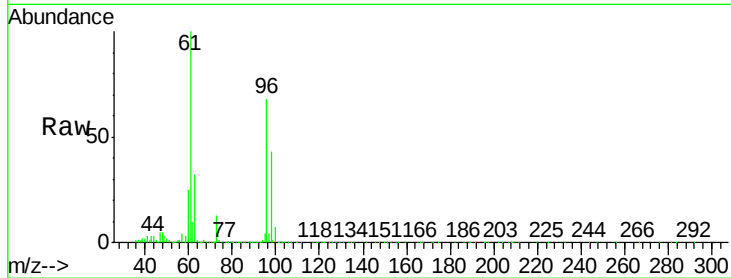
Tot Ion: 96 Resp: 102815

Ion Ratio Lower Upper

96 100

61 147.1 99.2 184.2

98 63.0 43.1 80.1



#19

1,1-Dichloroethane

Concen: 0.729 ug/L

RT: 3.23 min Scan# 666

Delta R.T. 0.00 min

Lab File: VV014353.D

Acq: 20 Jan 2020 13:31

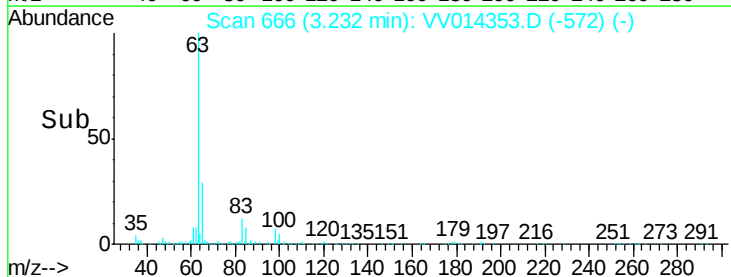
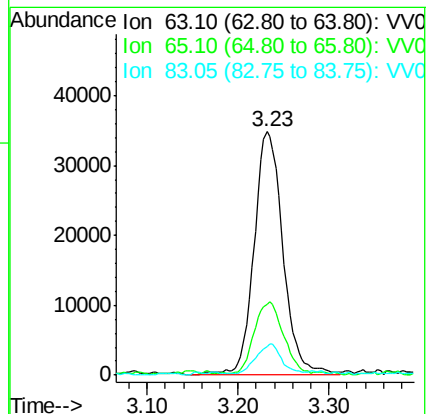
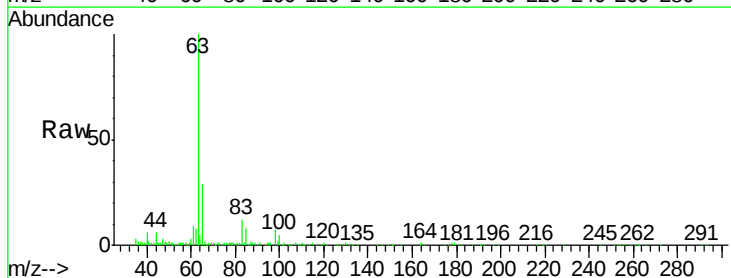
Tgt Ion: 63 Resp: 76480

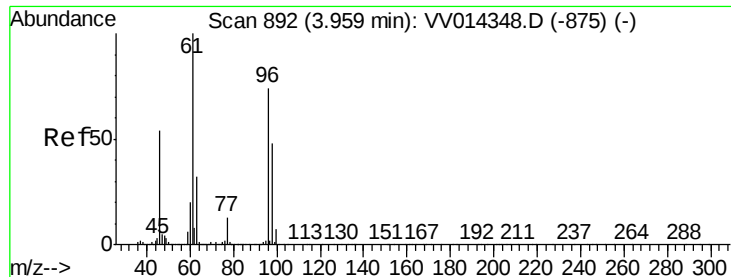
Ion Ratio Lower Upper

63 100

65 29.2 22.7 42.3

83 11.9 10.0 18.6





#22

cis-1,2-Dichloroethene

Concen: 12.455 ug/L

RT: 3.96 min Scan# 893

Delta R.T. 0.00 min

Lab File: VV014353.D

Acq: 20 Jan 2020 13:31

Instrument :

MSVOA_V

ClientSampleId :

BF758DL

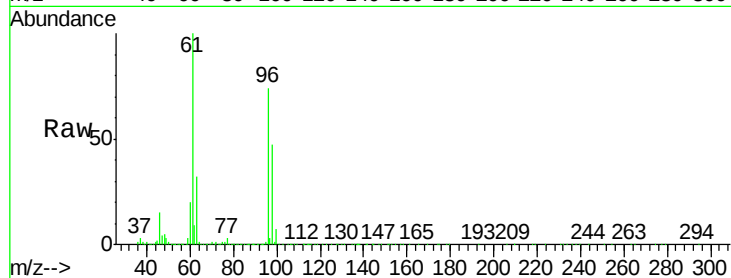
Tot Ion: 96 Resp: 730779

Ion Ratio Lower Upper

96 100

61 134.6 90.6 168.3

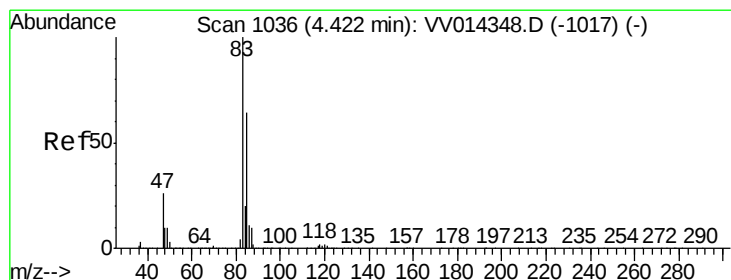
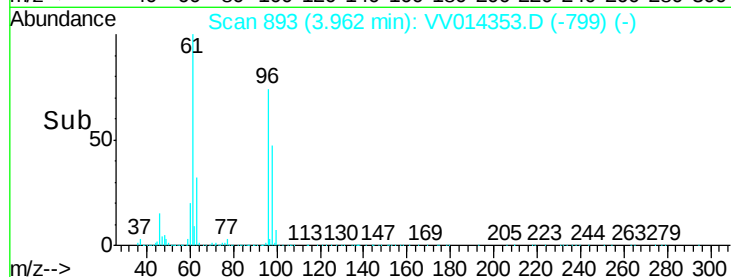
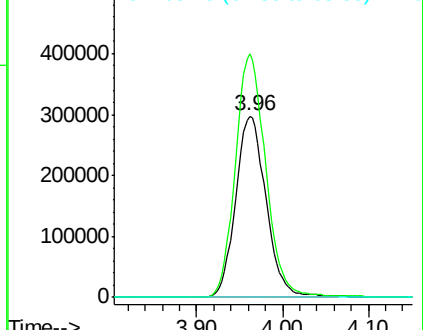
68 0.0 0.3 0.7#



Abundance Ion 96.00 (95.70 to 96.70): VV0

Ion 61.05 (60.75 to 61.75): VV0

Ion 68.15 (67.85 to 68.85): VV0



#25

Chloroform

Concen: 0.489 ug/L

RT: 4.43 min Scan# 1038

Delta R.T. 0.01 min

Lab File: VV014353.D

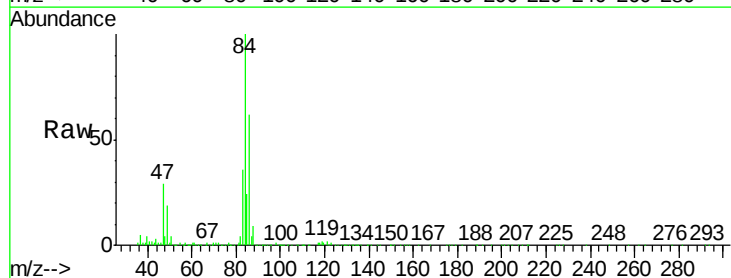
Acq: 20 Jan 2020 13:31

Tgt Ion: 83 Resp: 49067

Ion Ratio Lower Upper

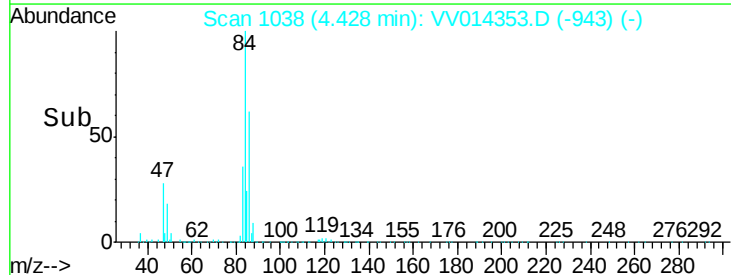
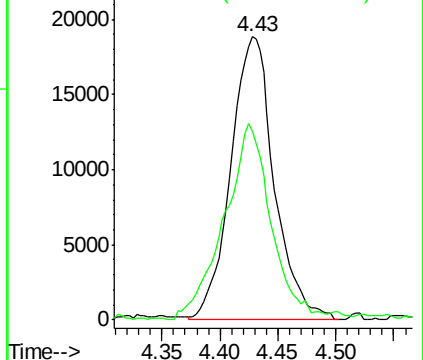
83 100

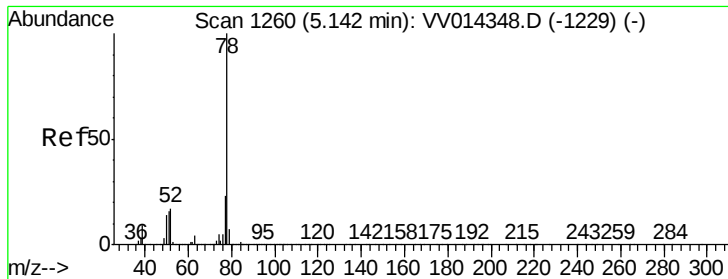
85 66.6 46.2 85.8



Abundance Ion 83.05 (82.75 to 83.75): VV0

Ion 85.00 (84.70 to 85.70): VV0





#33

Benzene

Concen: 0.265 ug/L

RT: 5.15 min Scan# 1264

Delta R.T. 0.01 min

Lab File: VV014353.D

Acq: 20 Jan 2020 13:31

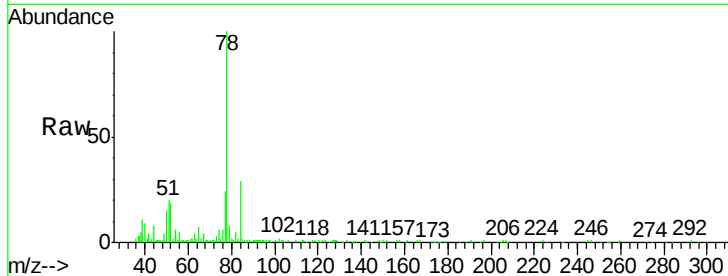
Instrument :

MSVOA_V

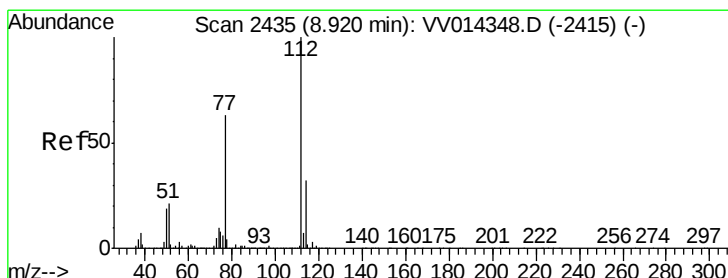
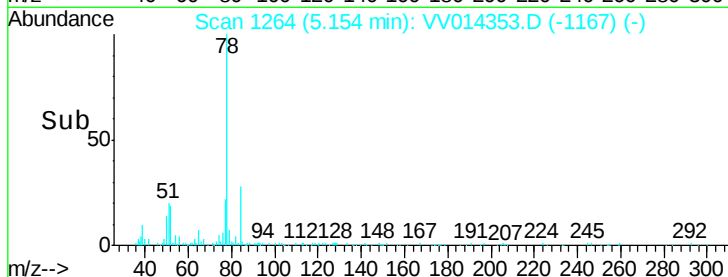
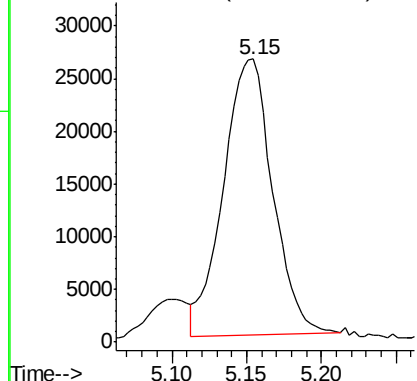
ClientSampleId :

BF758DL

Tgt Ion: 78 Resp: 60256



Abundance Ion 78.10 (77.80 to 78.80): VV0



#51

Chlorobenzene

Concen: 0.644 ug/L

RT: 8.92 min Scan# 2436

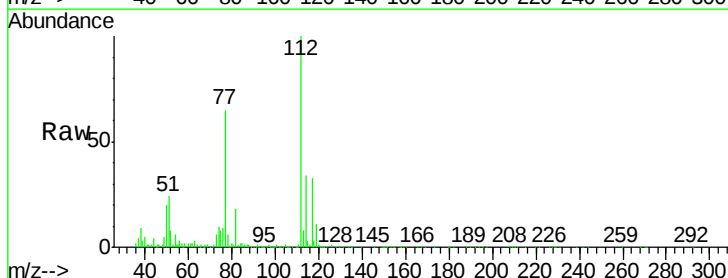
Delta R.T. 0.00 min

Lab File: VV014353.D

Acq: 20 Jan 2020 13:31

Tgt Ion: 112 Resp: 95059

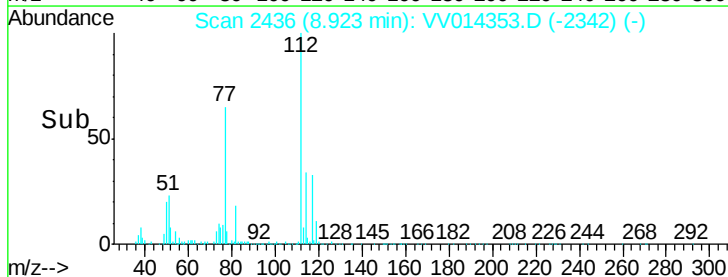
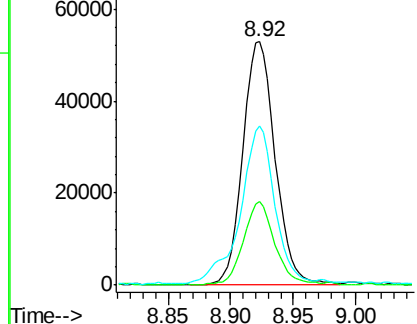
Ion	Ratio	Lower	Upper
112	100		
114	34.2	22.5	41.7
77	65.3	49.3	73.9

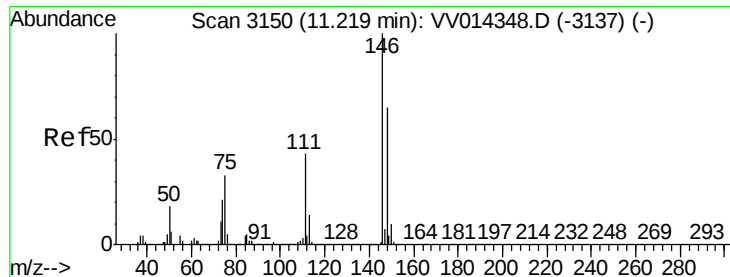


Abundance Ion 112.10 (111.80 to 112.80): V

Ion 114.05 (113.75 to 114.75): V

Ion 77.10 (76.80 to 77.80): VV0





#62

1,3-Dichlorobenzene

Concen: 1.512 ug/L

RT: 11.22 min Scan# 3151

Delta R.T. 0.00 min

Lab File: VV014353.D

Acq: 20 Jan 2020 13:31

Instrument :

MSVOA_V

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BF758DL

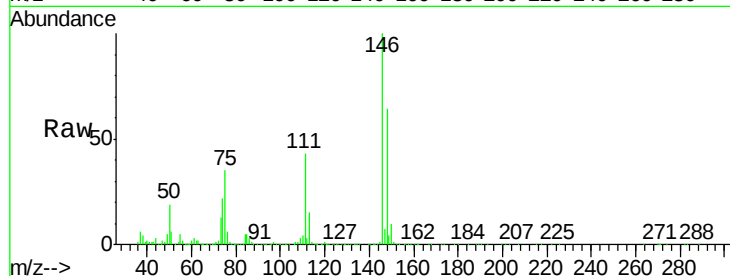
Tot Ion:146 Resp: 161679

Ion Ratio Lower Upper

146 100

111 42.8 30.7 57.1

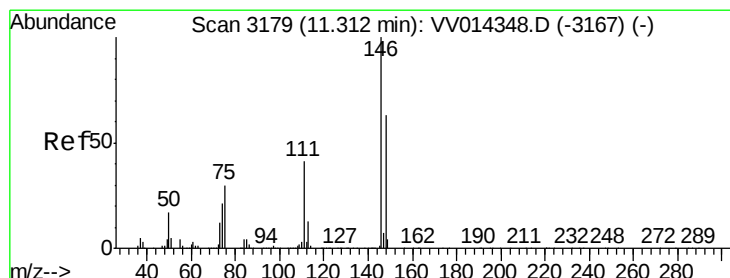
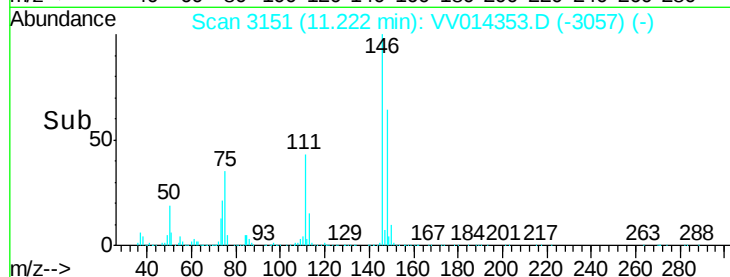
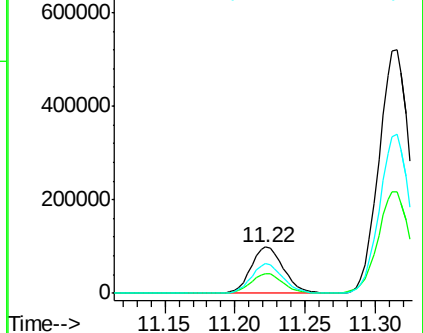
148 63.8 44.4 82.5



Abundance Ion 145.95 (145.65 to 146.65): V

Ion 111.00 (110.70 to 111.70): V

Ion 148.00 (147.70 to 148.70): V



#63

1,4-Dichlorobenzene

Concen: 7.718 ug/L

RT: 11.31 min Scan# 3180

Delta R.T. 0.00 min

Lab File: VV014353.D

Acq: 20 Jan 2020 13:31

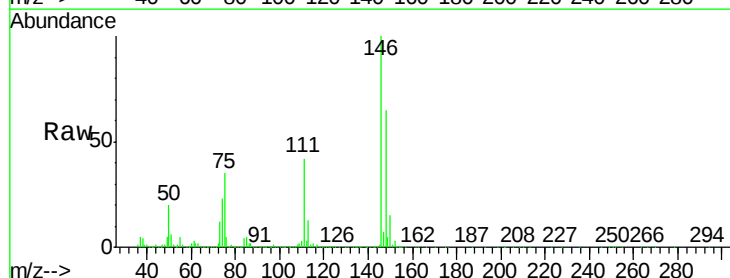
Tgt Ion:146 Resp: 820798

Ion Ratio Lower Upper

146 100

111 41.6 28.8 53.4

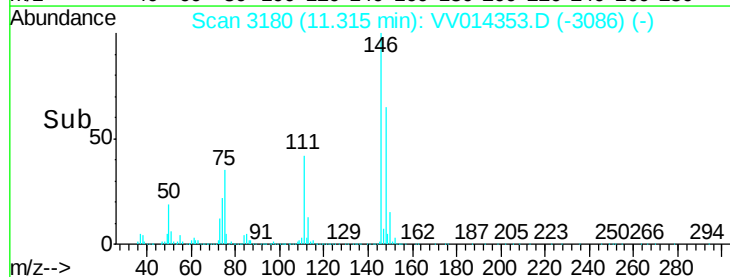
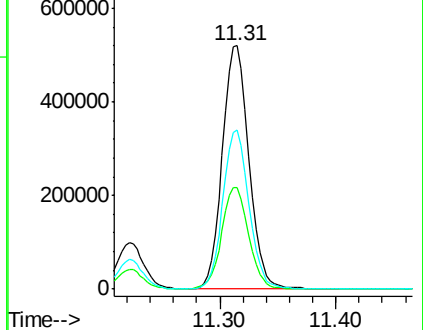
148 65.3 44.5 82.7

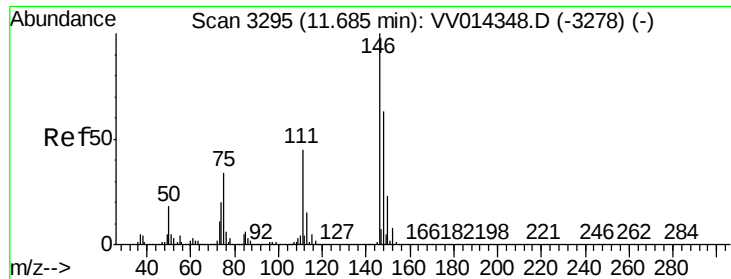


Abundance Ion 145.95 (145.65 to 146.65): V

Ion 111.00 (110.70 to 111.70): V

Ion 148.00 (147.70 to 148.70): V





#65
 1,2-Dichlorobenzene
 Concen: 0.261 ug/L
 RT: 11.68 min Scan# 3295
 Delta R.T. -0.00 min
 Lab File: VV014353.D
 Acq: 20 Jan 2020 13:31

Instrument :
 MSVOA_V
 ClientSampleId :
 BF758DL

Tot Ion	Ratio	Lower	Upper
146	100		
111	47.8	36.4	54.6
148	59.7	51.3	76.9

